

CORRES. CONTROL

OUTGOING LTR. NO.

DOE ORDER # 4700.1

04-RF-00146

DIST.	LTR	ENC
DIETER, T.		
FERRERA, D.W.	X	
FERRI, M.S.		
LINDSAY, D.		
LYLE, J.		
MARTINEZ, L. A.		
PARKER, A.		
POWERS, K.		
SHELTON, D.C.		
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N. R.		

AGUILAR, P.		
BEAN, C.		
BUTLER, J. L.		
DECK, C.	X	X
FRANCIS, M.		
FREIBOTH, C.		
GEIS, A.		
GIBBS, F.	X	
HUMISTON, T.		
HUNTER, D.		
KNAPP, S.		
LINSINBGLER, H.		
MARSHALL, J.R.	X	X
MYERS, K.		
NESTA, S.	X	X
OLIVER, R.		
OMAN, K.		
PLAPPERT, R.		
PRIMROSE, A.		
RICHARDELLA, R.		
ROSENMAN, A.		
SNYDER, D.P.	X	
SWARTZ, J.M.		
WIEMELT, K.	X	X

CORRES. CONTROL	X	X
ADMIN RECRD/T130G	X	X
TRAFFIC		
PATS/130		

CLASSIFICATION:

UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER

SIGNATURE:

Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:

<input type="checkbox"/>	PARTIAL/OPEN	<input type="checkbox"/>	CLOSED
LTR APPROVALS:			

ORIG. & TYPIST INITIALS:

KLW:pvt

RF-46469(Rev.9/94)

KAISER•HILL
COMPANY

February 3, 2004

04-RF-00146

Joe Legare
Assistant Manager for
Environment and Stewardship
DOE, RFPO

ROCKY FLATS CLEANUP AGREEMENT (RFCA) STANDARD OPERATING PROTOCOL (RSOP) FOR FACILITY DISPOSITION - NOTIFICATION LETTER FOR 998 TUNNEL, CORRIDOR B, AND ROOM 402 FEG-007-04

The Facility Disposition RSOP requires that DOE notify the Lead Regulatory Agency (LRA) prior to implementing work activities pursuant to this document. The Rocky Flats Environmental Technology Site (RFETS) received concurrence from the Colorado Department of Public Health and Environment (CDPHE) that the 998 Tunnel, Corridor B, and Room 402 were Type 2 facilities (October 6, 2003).

The purpose of this Notification is to invoke this RSOP for demolition of the facilities, based on the attached Contact Records between Kaiser-Hill, DOE-RFFO, and CDPHE. Discussion of the facilities pre-demolition status was provided on February 2, 2004 and CDPHE agreed to proceed. As agreed at that meeting, the subject facilities will be left in place and plugged with foam as discussed in the Contact Record dated February 2, 2004 (included under Attachment 5). Associated RSOP documentation is provided in Attachments 1 through 5, including 1A and 3A covering Corridor B and Room 402.

This RSOP Notification replaces the RSOP Notification dated January 21, 2004 covering the 998 Tunnel. If you have any questions or require additional information, please contact Karen Wiemelt x9883.

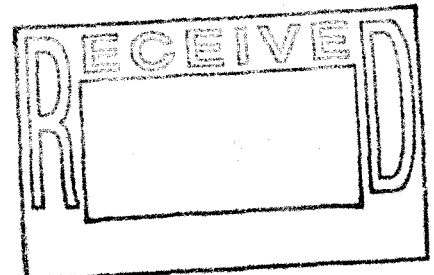
Frank E. Gibbs
Frank E. Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

Enclosures:
As Stated

KLW:pvt

Orig. and 1 cc – Joe Legare

cc:
Gary Morgan



Kaiser-Hill Company, L L C

Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden, CO 80403-8200 • 303-966-7000

IA-A-001963

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time: February 5, 2004/ 11:00 a.m.

Site Contact(s): Gary J. Carnival
Phone: 303-966-2258

Regulatory Contact: David Kruchek
Phone: 303-692-3328

Agency: CDPH&E

Purpose of Contact: Agreement on Am/Pu Ratio for T207 area and backfill authorization

Discussion

During the initial remediation of soil around CH47-001, north of the old Tank 207 site, and subsequent confirmatory sampling, a field screen gamma spec measurement of the "B" interval on the north side of the excavation resulted in 237 pCi/g Am241. This same sample was sent to an offsite laboratory for alpha spec analysis to determine the actual Pu and Am content of the sample. The alpha spec analysis indicated 388 pCi/g Am241 and 99.3 pCi/g Pu239. This would suggest a Am241 to Pu239 ratio of roughly .25 as opposed to 5.7 and that the rad contamination present in the soil in this area is mostly Am and not Pu.

Given these data and historical evidence that the ratio can range from .25 to 1.5 in this area, David authorized the use of a ratio of 2 to be conservative and provide a higher level of confidence that the 50 pCi/g Pu239 action level will not be exceeded. David also authorized the project to backfill an excavation (at risk to the project) as long as the gamma spec measurement indicates 20 or less pCi/g Am241. When using this authority to backfill, we agreed that an information e-mail would be sent to him and Carl Spreng providing the details of the decision to backfill. If the gamma spec measurement indicates greater than 20 pCi/g Am241, a phone call discussion or an exchange of e-mails between the field project manager and the State will be completed and an agreement reached before backfilling can be initiated. We agreed that for the large excavation north of the old Tank 207 site, when remediation is complete and field screen gamma spec measurements indicate that all radiological action levels have been satisfied, ER will take confirmation samples of intervals "A", "B", and "C", on all four sides of the excavation and submit all 12 samples as confirmation samples for offsite analysis. This will provide 12 more data points that can be used to refine the Am to Pu ratio in this area.

Contact Record Prepared By: Gary J. Carnival

Required Distribution

S. Bell, RFFO	M. Keating, K-H RISS
J. Berardini, K-H	G. Kleeman, USEPA
L. Brooks, K-H ESS	D. Kruchek, CDPHE
M. Broussard, K-H RISS	D. Mayo, K-H RISS
L. Butler, K-H RISS	R. McCalister, DOE
G. Carnival, K-H RISS	J. Mead, K-H ESS
N. Castaneda, RFFO	S. Nesta, K-H RISS
C. Deck, K-H Legal	L. Norland, K-H RISS
R. DiSalvo, RFFO	K. North, K-H ESS
S. Gunderson, CDPHE	E. Pottorff, CDPHE

Additional Distribution

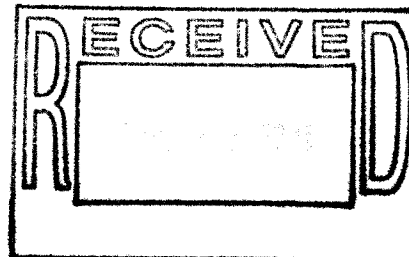
Harry Foreman, Envirocon

A. Primrose, K-H RISS
T. Rehder, USEPA
S. Serreze, RISS
D. Shelton, K-H
C. Spreng, CDPHE
S. Surovchak, RFFO
K. Wiemelt, K-H RISS
C. Zahm, K-H

Contact Record 8/27/03
Rev. 8/27/03

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

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ADMIN RECORD

IA-A-001965

1/2

EX-105-01

